

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted With Initial Filing <b>OR</b> <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	<b>US040041</b>
	<b>First Named Inventor</b>	<b>BORIS E.R. DE RUYTER</b>
	<b>COMPLETE IF KNOWN</b>	
	Application Number	
	Filing Date	
	Group Art Unit	
	Examiner Name	

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ADVANCED CONTROL DEVICE FOR HOME ENTERTAINMENT UTILIZING THREE  
DIMENSIONAL MOTION TECHNOLOGY**

the specification of which (Title of the Invention)

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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## DECLARATION — Utility or Design Patent Application

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Bar Code Label

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OR

☐ Correspondence address below

PATENT TRADEMARK OFFICE

**Philips IP&S**

**345 Scarborough Road**

**P.O. Box 3001**

**Briarcliff Manor**

**State NY**

**ZIP 10510-8001**

**Country USA**

**914-945-6000**

**Telephone**

**914-332-0615**

**Fax**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR:**

☐ A petition has been filed for this unsigned inventor

**Given Name**  
(first and middle [if any])

**Boris Emmanuel Rachmund**

**Family Name**  
or Surname

**DE RUYTER**

**Inventor's**  
**Signature**

**Date**

**Neerpelt**

**State**

**Belgium**

**Belgium**

**Residence: City**

**Country**

**Citizenship**

**Nieuwstraat 4**  
**Mailing Address**

**Neerpelt**

**State**

**3910**

**Belgium**

**City**

**Zip**

**Country**

**NAME OF SECOND INVENTOR:**

☐ A petition has been filed for this unsigned inventor

**Given Name**  
(first and middle [if any])

**Detlev**

**Family Name**  
or Surname

**LANGMANN**

**Inventor's**  
**Signature**

**Date**

**Pinneberg**

**State**

**Germany**

**Germany**

**Residence: City**

**Country**

**Citizenship**

**Obstgarten 38**

**Mailing Address**

**Penneberg**

**State**

**25421**

**Germany**

**City**

**Zip**

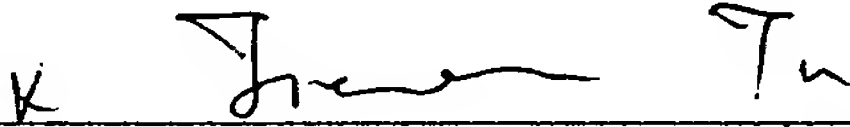
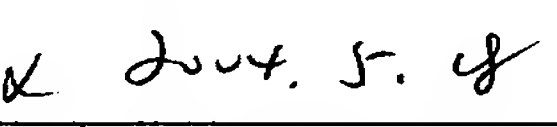
**Country**

☐ Additional inventors are being named on the \_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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**DECLARATION**

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 2 of 2

<b>NAME OF THIRD INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>Jiawen W.</b> (first and middle [if any])		Family Name <b>TU</b> or Surname	
Inventor's Signature 		Date 	
Residence: City : Shanghai	State	Country: China	Citizenship: China
Mailing Address 8-502 Lane 50, Pingyang Road			
City Shanghai	State	201102 Zip	Country: China
<b>NAME OF FOURTH INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name : Vincentius Paulus (first and middle [if any])		Family Name: BUIL or Surname	
Inventor's Signature		Date	
City: Eindhoven	State	Country: The Netherlands	Citizenship: The Netherlands
Mailing Address Grashoen 38			
City: Eindhoven	State	Zip: 5658 EK	Country: The Netherlands
<input checked="" type="checkbox"/> Additional inventors are being named on the ___ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
**PHUS040041**

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name: <b>Tatiana A.</b> (first and middle [if any])		Family Name or Surname: <b>LASHINA</b>	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b> <b>Eindhoven</b>	<b>State</b>	<b>Country</b> <b>The Netherlands</b>	<b>Citizenship</b> <b>Belarus</b>
<b>Mailing Address</b> <b>Fakkellaan 135</b>			
<b>Mailing Address</b>			
<b>City</b> <b>Eindhoven</b>	<b>State</b>	<b>ZIP</b> <b>5624 ET</b>	<b>Country</b> <b>The Netherlands</b>
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name: <b>Evert Jan</b> (first and middle [if any])		Family Name or Surname: <b>VAN LOENEN</b>	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Waalre</b> <b>Residence: City</b>	<b>State</b>	<b>Country</b> <b>The Netherlands</b>	<b>Citizenship</b> <b>The Netherlands</b>
<b>W.</b> <b>SMULDERSPLEIN 6</b>			
<b>Mailing Address</b>			
<b>WAALRE</b> <b>City</b>	<b>State</b>	<b>Zip</b> <b>5582 JJ</b>	<b>Country</b> <b>THE NETHERLANDS</b>
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	

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Name of Additional Joint Inventor, if any

+

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name: <b>Sebastian</b> (first and middle [if any])		Family Name or Surname: <b>EGNER</b>	
Inventor's Signature		Date	
Residence: City <b>EINDHOVEN</b>	State	Country <b>THE NETHERLANDS</b>	Citizenship <b>GERMANY</b>
Mailing Address <b>SANTVLIETMOLEN 13</b>			
Mailing Address			
City <b>EINDHOVEN</b>	State	ZIP <b>5612 MD</b>	Country <b>THE NETHERLANDS</b>
<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname:	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country
<input type="checkbox"/> A petition has been filed for this unsigned inventor			

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	<b>First Named Inventor</b>	<b>BORIS E.R. DE RUYTER</b>
	<b>COMPLETE IF KNOWN</b>	
	Application Number	
	Filing Date	
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	Examiner Name	

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

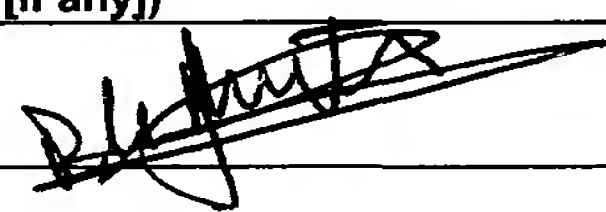
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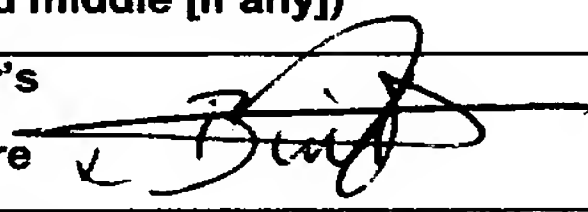
## DECLARATION — Utility or Design Patent Application

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P.O. Box 3001															
Briarcliff Manor				State NY		ZIP 10510-8001									
Country USA				914-945-6000 Telephone		914-332-0615 Fax									
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.															
NAME OF SOLE OR FIRST INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor											
Given Name (first and middle [if any])				Boris Emmanuel Rachmund				Family Name or Surname				DE RUYTER			
Inventor's Signature								Date				18/05/04			
Neerpelt				State		Belgium		Belgium							
Residence: City						Country		Citizenship							
Nieuwstraat 4 Mailing Address															
Neerpelt				State		3910		Belgium							
City						Zip		Country							
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor											
Given Name (first and middle [if any])				Detlev				Family Name or Surname				LANGMANN			
Inventor's Signature								Date							
Pinneberg				State		Germany		Germany							
Residence: City						Country		Citizenship							
Obstgarten 38 Mailing Address															
Penneberg				State		25421		Germany							
City						Zip		Country							
<input type="checkbox"/> Additional inventors are being named on the ___ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.															



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**DECLARATION****ADDITIONAL INVENTOR(S)****Supplemental Sheet**Page 2 of 2

<b>NAME OF THIRD INVENTOR:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name <b>Jiawen W.</b> (first and middle [if any])				Family Name <b>TU</b> or Surname			
Inventor's Signature				Date			
Residence: City : <b>Shangai</b>		State		Country: <b>China</b>		Citizenship: <b>China</b>	
Mailing Address <b>8-502 Lane 50, Pingyang Road</b>							
City <b>Shanghai</b>		State		201102 Zip		Country: <b>China</b>	
<b>NAME OF FOURTH INVENTOR:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name : <b>Vincentius Paulus</b> (first and middle [if any])				Family Name: <b>BUIL</b> or Surname			
Inventor's Signature 				Date <b>18/05/04</b>			
City: <b>Eindhoven</b>		State		Country: <b>The Netherlands</b>		Citizenship: <b>The Netherlands</b>	
Mailing Address <b>Grashoen 38</b>							
City: <b>Eindhoven</b>		State		Zip: <b>5658 EK</b>		Country: <b>The Netherlands</b>	
<input checked="" type="checkbox"/> Additional inventors are being named on the ___ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							

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**DECLARATION**
**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
**PHUS040041**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name: <b>Tatiana A.</b> (first and middle [if any])		Family Name or Surname: <b>LASHINA</b>	
Inventor's Signature <i>K Lashina</i>		Date <i>K 18-5-'04</i>	
Residence: City <b>Eindhoven</b>	State	Country <b>The Netherlands</b>	Citizenship <b>Belarus</b>
Mailing Address <b>Fakkellaan 135</b>			
Mailing Address			
City <b>Eindhoven</b>	State	ZIP <b>5624 ET</b>	Country <b>The Netherlands</b>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>Evert Jan</b> (first and middle [if any])		Family Name or Surname: <b>VAN LOENEN</b>	
Inventor's Signature <i>K E. van Loenen</i>		Date <i>K 18-5-'04</i>	
Waalre Residence: City	State	Country <b>The Netherlands</b>	Citizenship <b>The Netherlands</b>
<del>W. SMULDERSPLEIN</del> <i>6</i> <b>SMELEWEG 39</b>			
Mailing Address			
<b>WAALRE</b> City	State	<b>5581 JR</b> <del>5582 JJ</del> Zip	<b>THE NETHERLANDS</b> Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	

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Name of Additional Joint Inventor, if any  
Name of Additional Joint Inventor, if any

+

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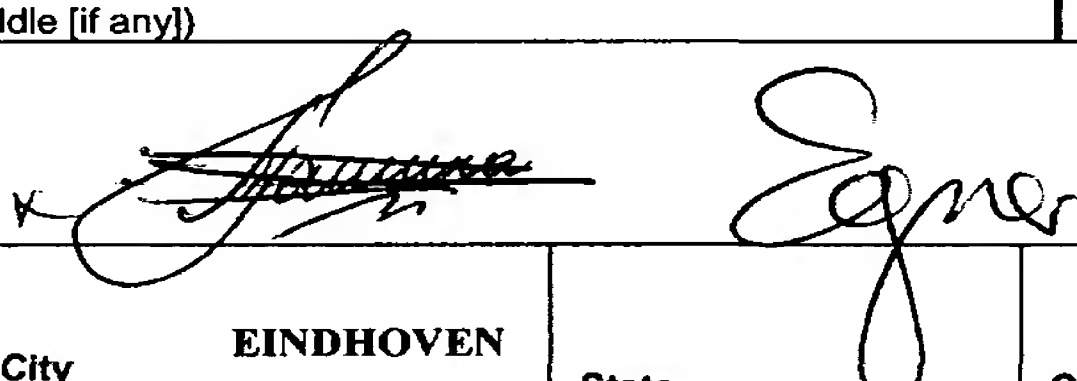
DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

☐ A petition has been filed for this unsigned inventor

Given Name: Sebastian  
(first and middle [if any])

Family Name or Surname: EGNER

Inventor's Signature  


Date  
4-5-2024

Residence: City  
EINDHOVEN

State

Country  
THE NETHERLANDS

Citizenship  
GERMANY

Mailing Address  
SANTVLIETMOLEN 13

Mailing Address

City  
EINDHOVEN

State

ZIP  
5612 MD

Country  
THE NETHERLANDS

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any])

Family Name or Surname:

Inventor's Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

Zip

Country

☐ A petition has been filed for this unsigned inventor

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